

DESCRIPTIVE ABSTRACT

The invention relates to a polarized light  
fluorescence imaging device comprising a structure of  
parallel microchannels (4) for containing the  
5 constituents to be analyzed. A coupling device (2,5)  
enables polarized light to be guided into the  
microchannels.

The invention is applied to the analysis of  
labelled nucleic acid sequences.

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Fig. 1.